

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080096.D
 Acq On : 22 Jun 2015 16:10
 Operator : TP/IZ
 Sample : PB84131BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BL

Quant Time: Jun 23 01:02:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

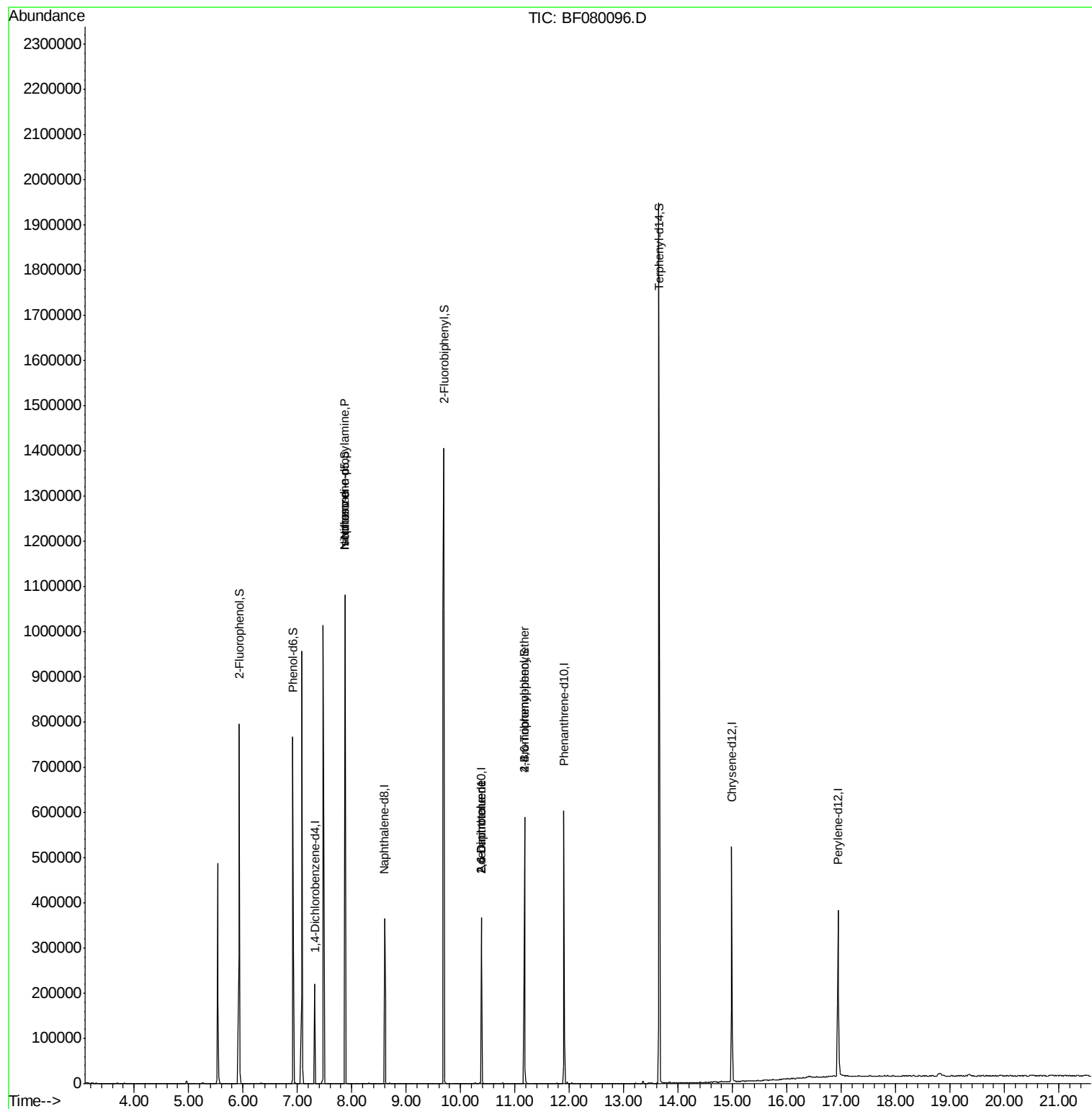
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	47579	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	187476	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	98263	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	212272	20.00	ng	-0.01
75) Chrysene-d12	14.99	240	220344	20.00	ng	-0.01
86) Perylene-d12	16.94	264	215881	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	223464	83.14	ng	0.00
7) Phenol-d6	6.92	99	268990	75.21	ng	-0.01
23) Nitrobenzene-d5	7.88	82	293237	91.06	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	72317	75.26	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	606348	88.00	ng	0.00
78) Terphenyl-d14	13.65	244	753525	79.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	39193	15.78	ng	# 60
25) Isophorone	7.88	82	293231	45.24	ng	# 58
50) 2,6-Dinitrotoluene	10.38	165	12299	8.30	ng	# 37
56) 2,4-Dinitrotoluene	10.38	165	12298	6.54	ng	# 31
66) 4-Bromophenyl-phenylether	11.18	248	5533	2.45	ng	# 1

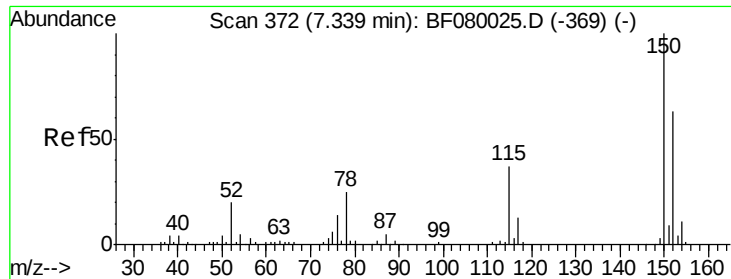
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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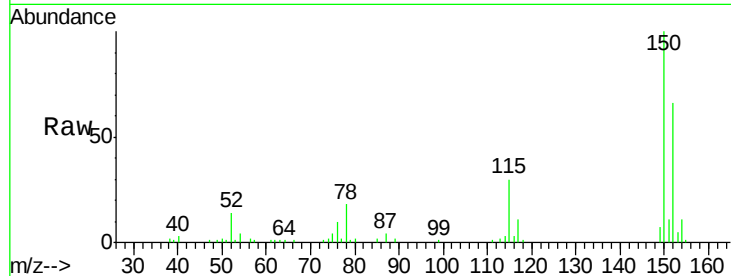




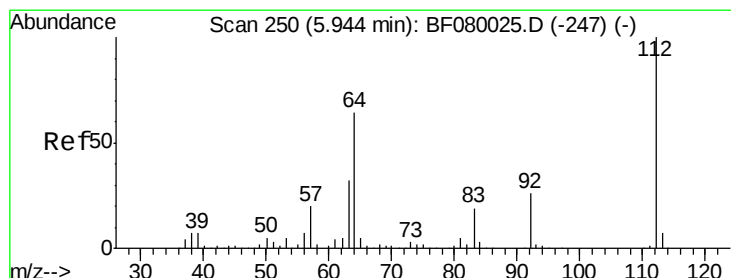
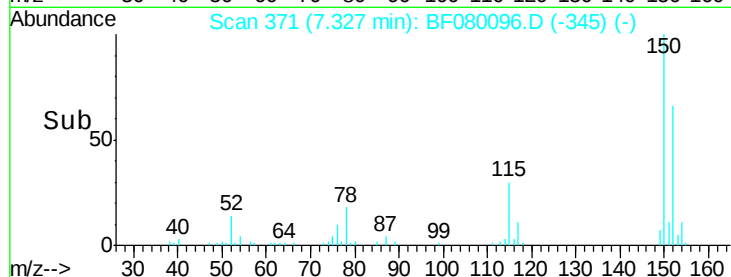
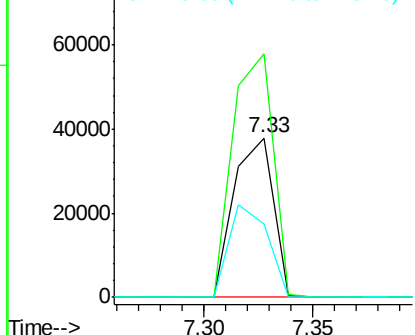
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BL

Tgt Ion:152 Resp: 47579
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.7 187.1
 115 46.0 39.0 58.4

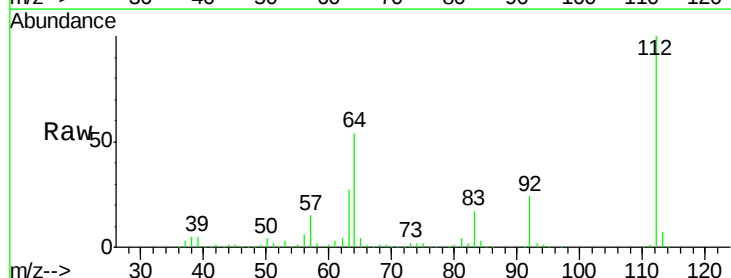


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

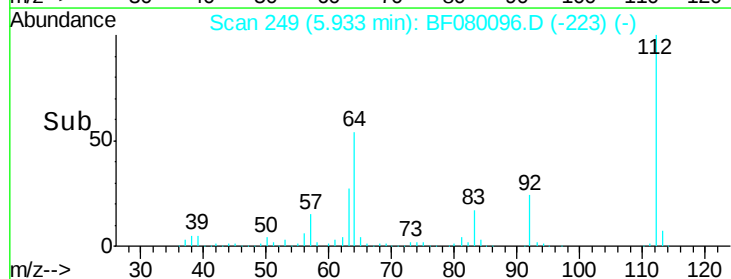
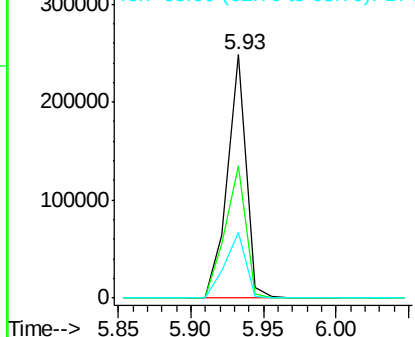


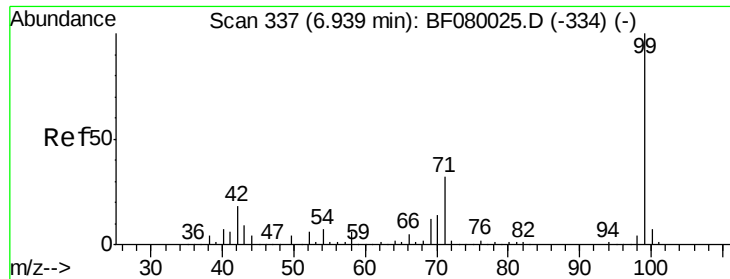
#5
 2-Fluorophenol
 Concen: 83.14 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Tgt Ion:112 Resp: 223464
 Ion Ratio Lower Upper
 112 100
 64 54.2 39.7 59.5
 63 26.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.21 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB84131BL

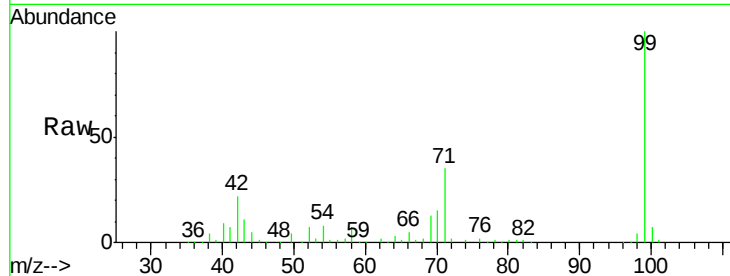
Tgt Ion: 99 Resp: 268990

Ion Ratio Lower Upper

99 100

42 21.9 13.7 20.5#

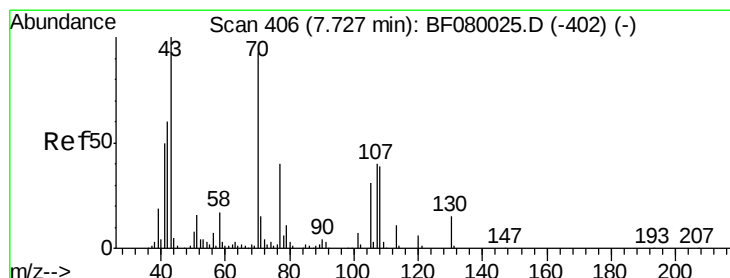
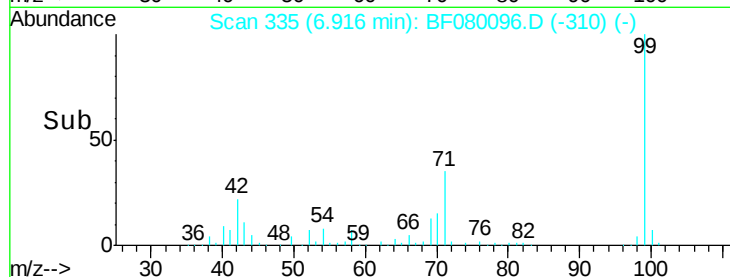
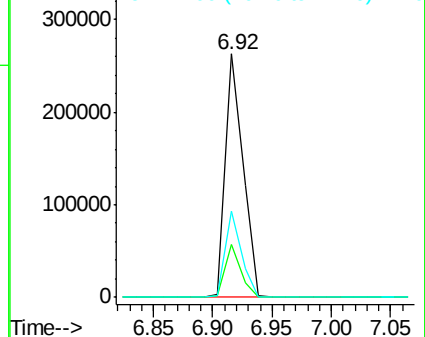
71 35.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.78 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

Tgt Ion: 70 Resp: 39193

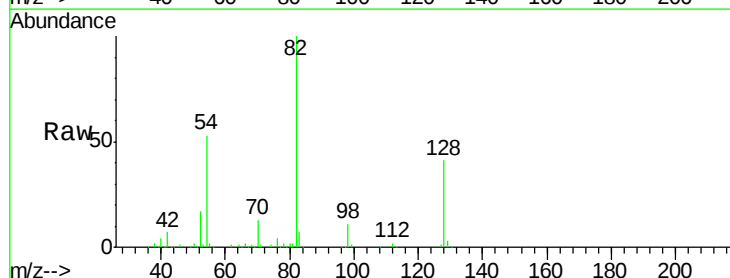
Ion Ratio Lower Upper

70 100

42 49.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

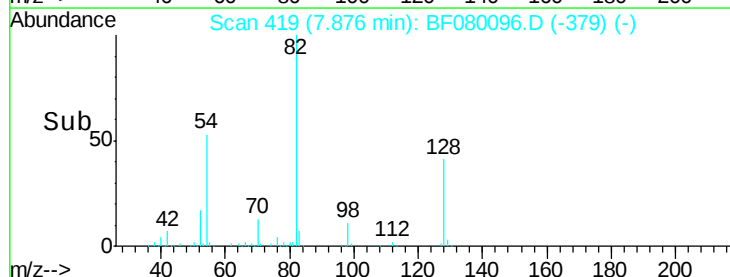
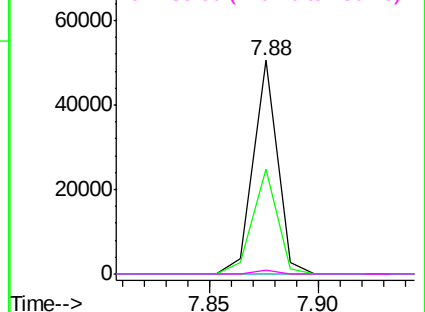


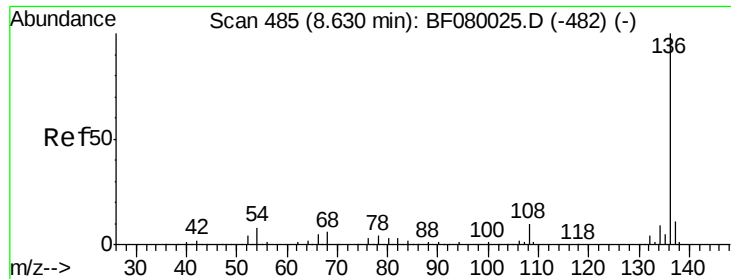
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

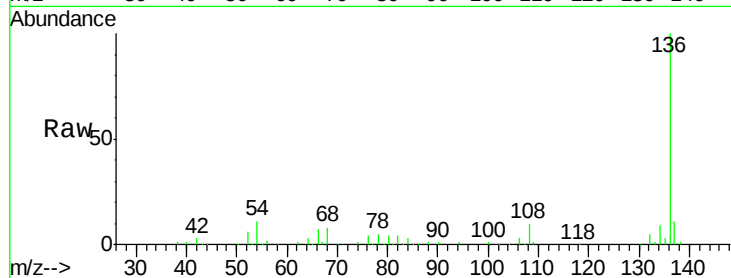




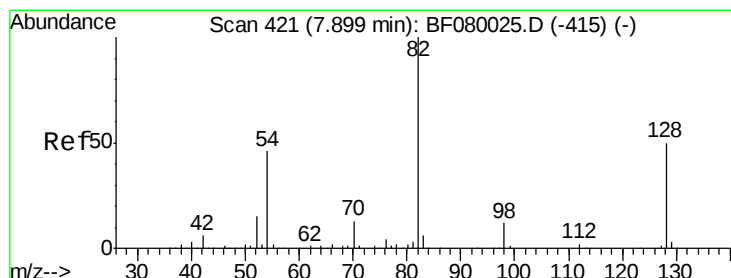
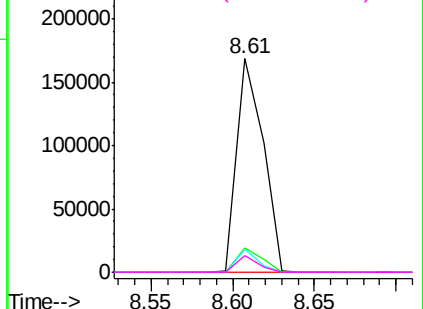
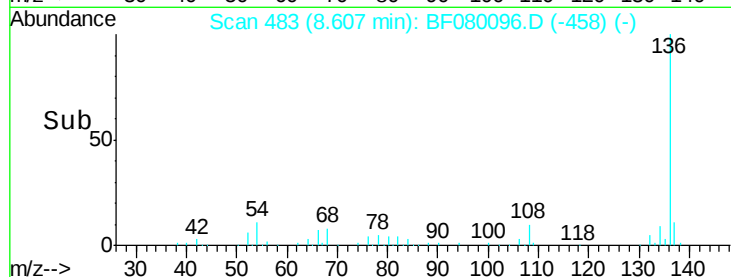
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080096.D
Acq: 22 Jun 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB84131BL

Tgt Ion:	136	Resp:	187476
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.9	8.2	12.2
68	7.8	5.8	8.6

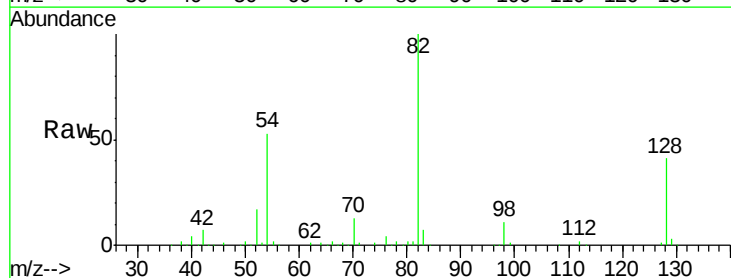


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

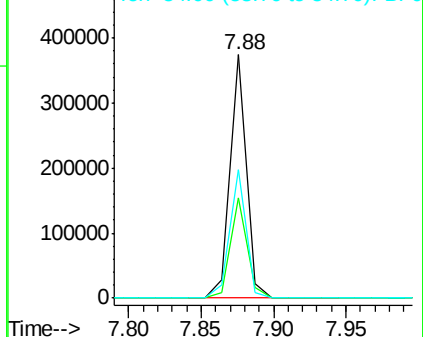
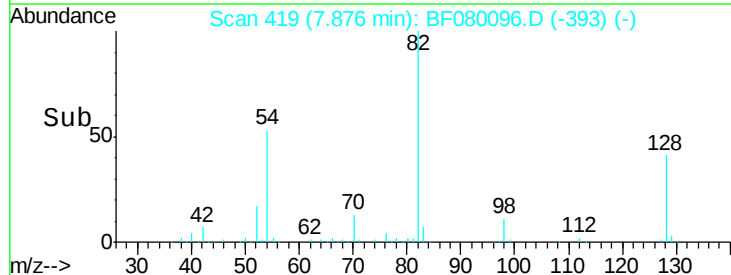


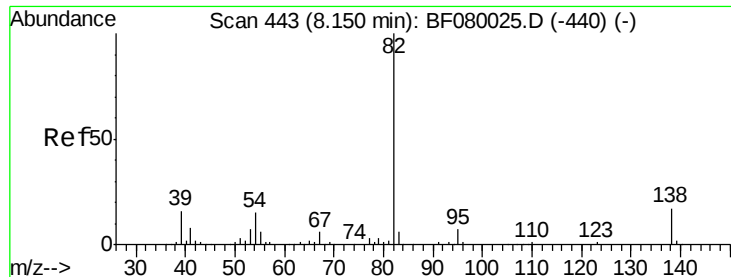
#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080096.D
Acq: 22 Jun 2015 16:10

Tgt Ion:	82	Resp:	293237
Ion	Ratio	Lower	Upper
82	100		
128	41.1	51.0	76.6#
54	52.8	47.5	71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.24 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

Instrument :

BNA_F

ClientSampleId :

PB84131BL

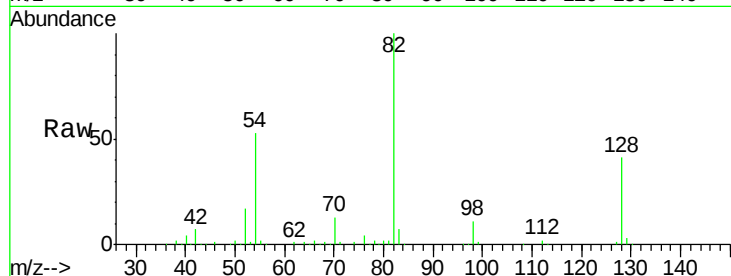
Tgt Ion: 82 Resp: 293231

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

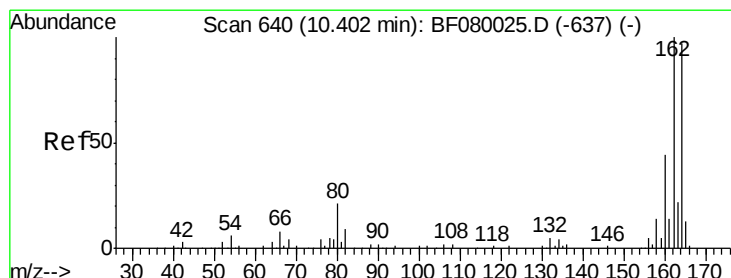
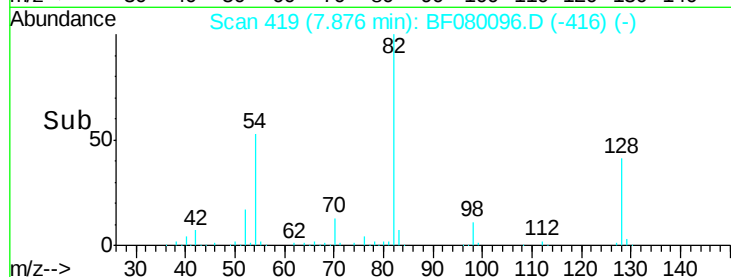
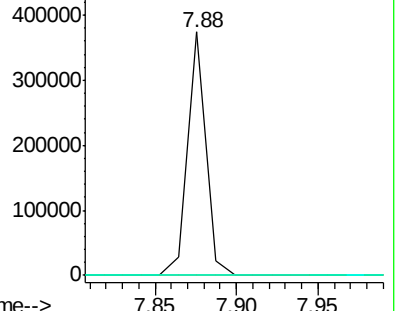
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080025.D (-440) (-)

Ion 95.00 (94.70 to 95.70): BF080025.D (-440) (-)

Ion 138.00 (137.70 to 138.70): BF080025.D (-440) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

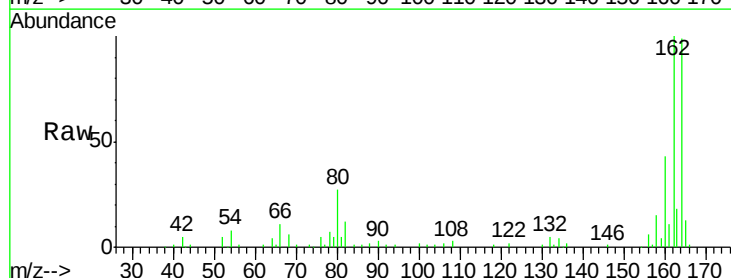
Tgt Ion: 164 Resp: 98263

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

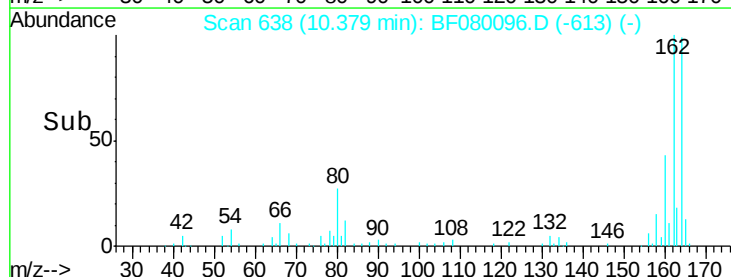
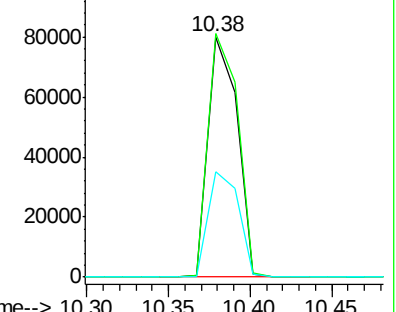
160 43.8 31.5 47.3

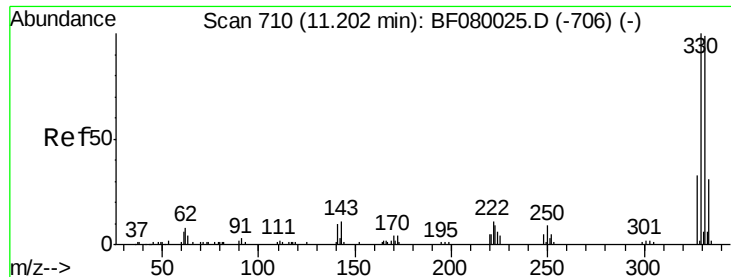


Abundance Ion 164.00 (163.70 to 164.70): BF080025.D (-637) (-)

Ion 162.00 (161.70 to 162.70): BF080025.D (-637) (-)

Ion 160.00 (159.70 to 160.70): BF080025.D (-637) (-)

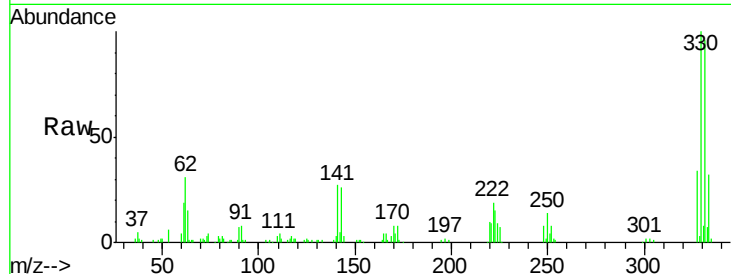




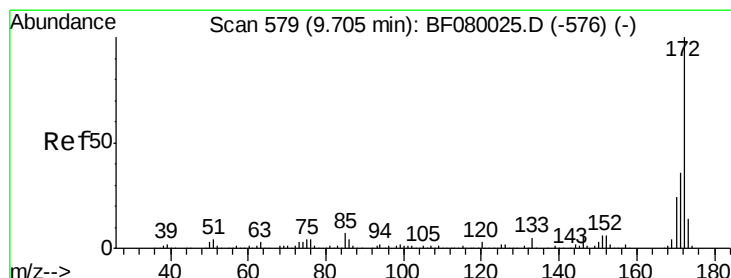
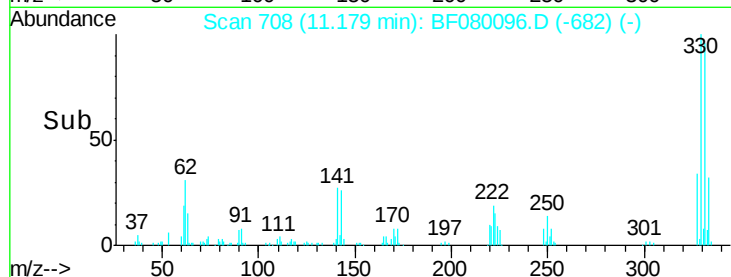
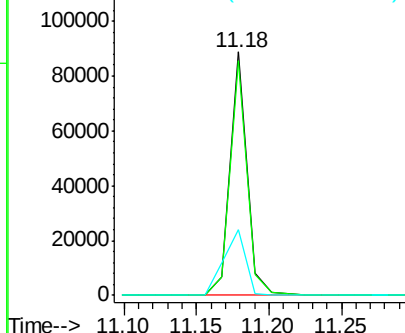
#41
 2,4,6-Tribromophenol
 Concen: 75.26 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.0	29.7	44.5

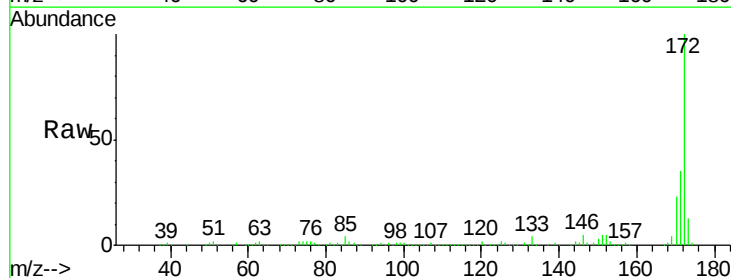


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

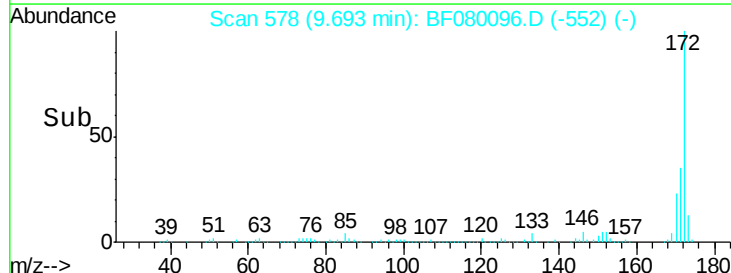
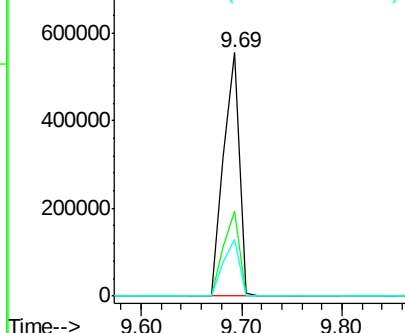


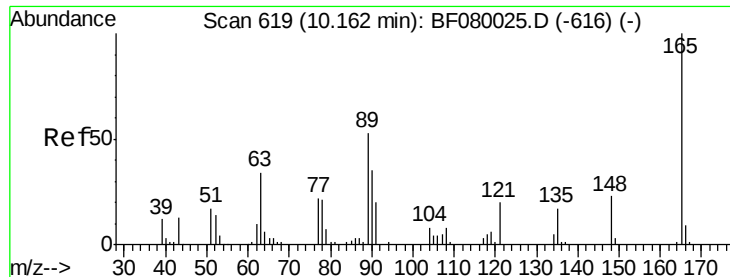
#44
 2-Fluorobiphenyl
 Concen: 88.00 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.4	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

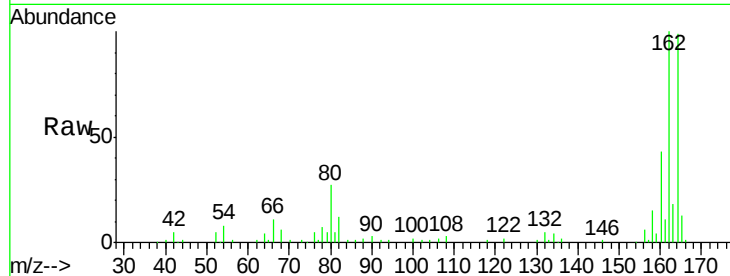




#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.23 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BL

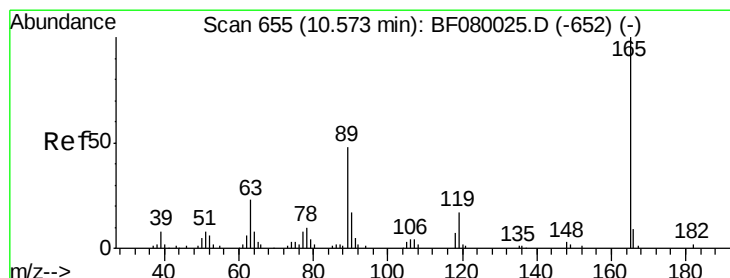
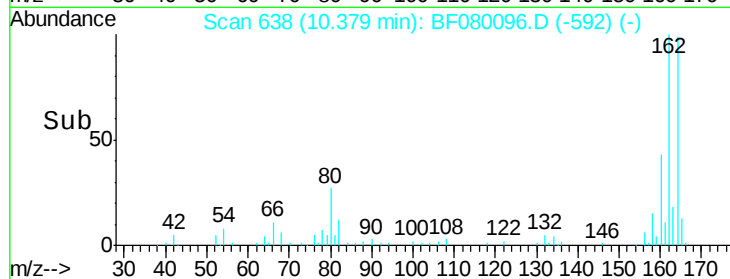
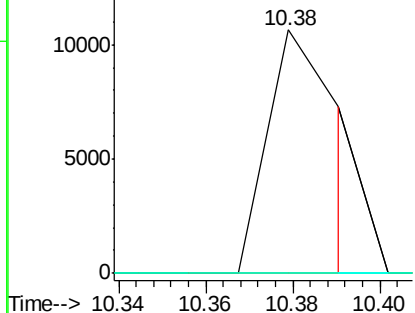
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.17 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

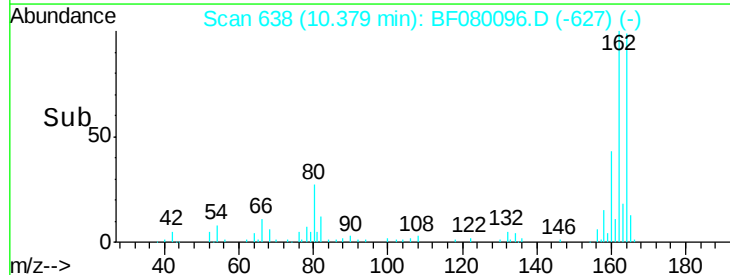
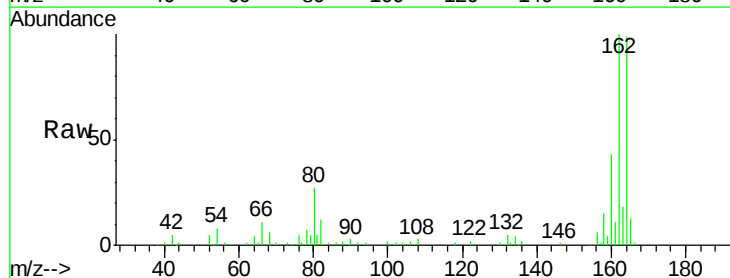
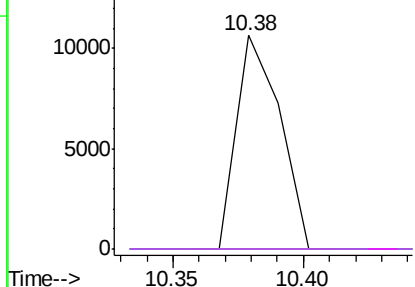
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

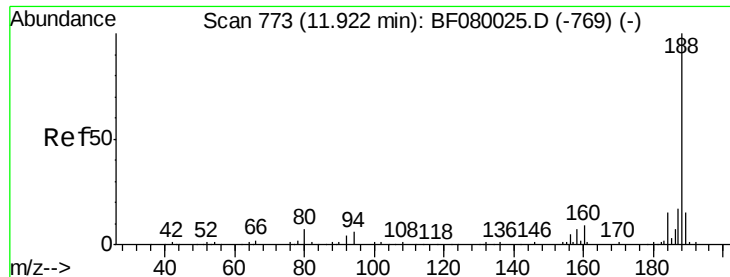
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

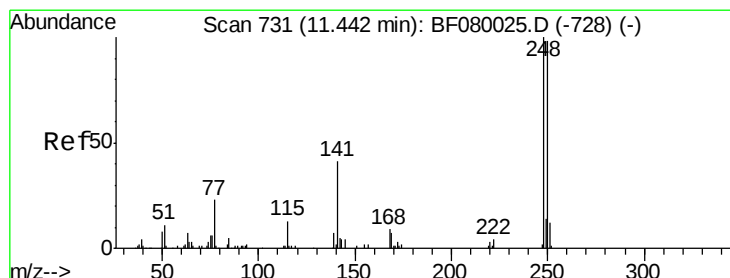
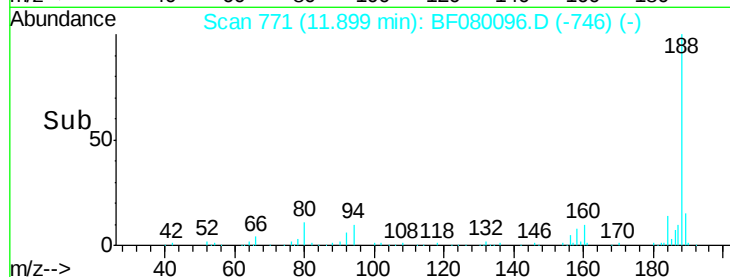
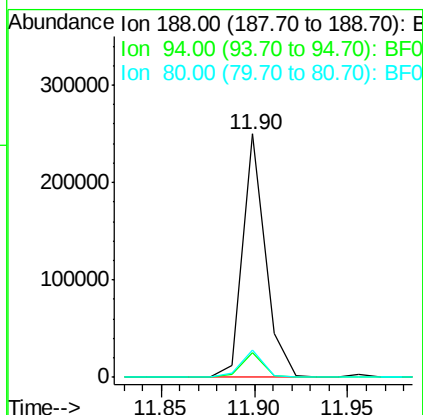
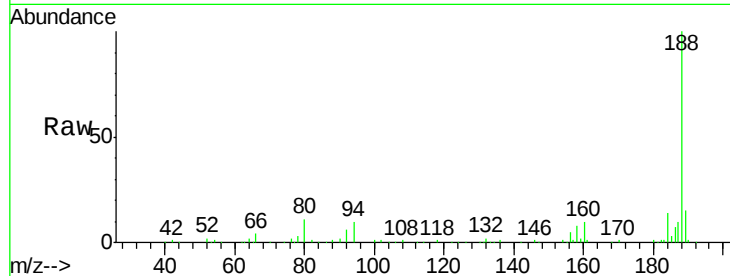




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

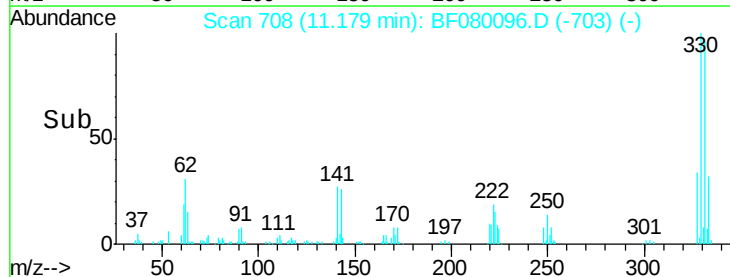
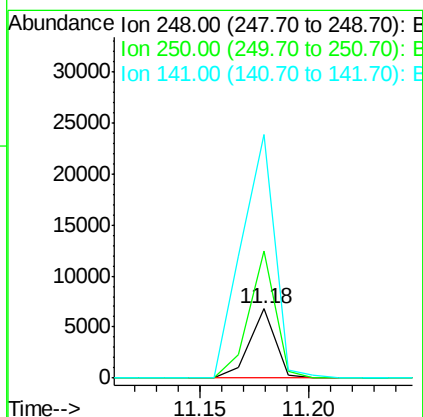
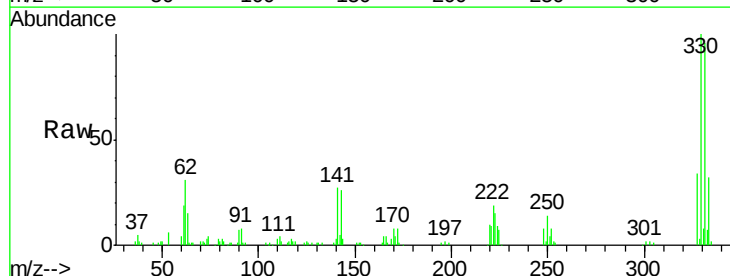
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BL

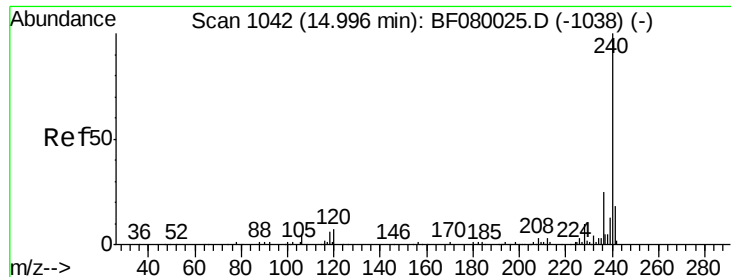
Tgt Ion:188 Resp: 212272
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 11.0 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 2.45 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.24 min
 Lab File: BF080096.D
 Acq: 22 Jun 2015 16:10

Tgt Ion:248 Resp: 5533
 Ion Ratio Lower Upper
 248 100
 250 183.9 78.5 117.7#
 141 353.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

Instrument :

BNA_F

ClientSampled :

PB84131BL

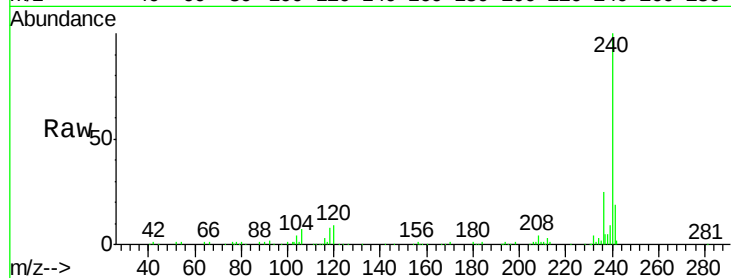
Tgt Ion:240 Resp: 220344

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

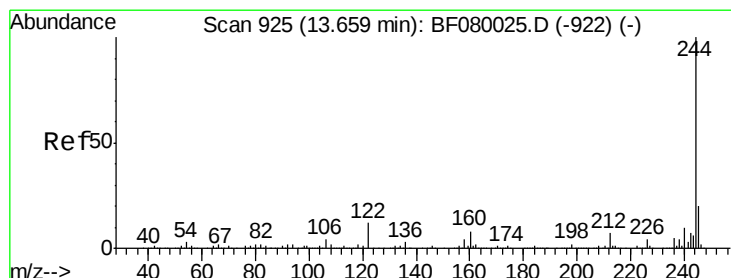
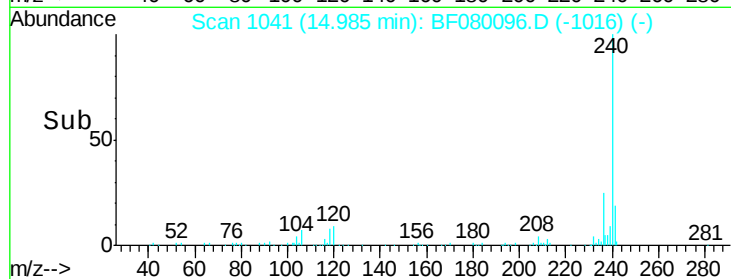
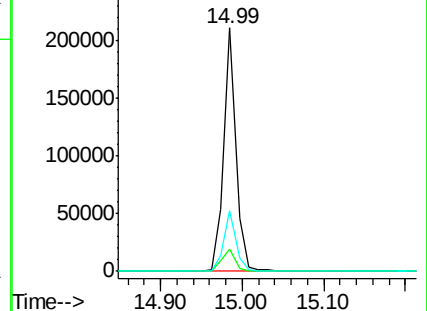
236 25.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.87 ng

RT: 13.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF080096.D

Acq: 22 Jun 2015 16:10

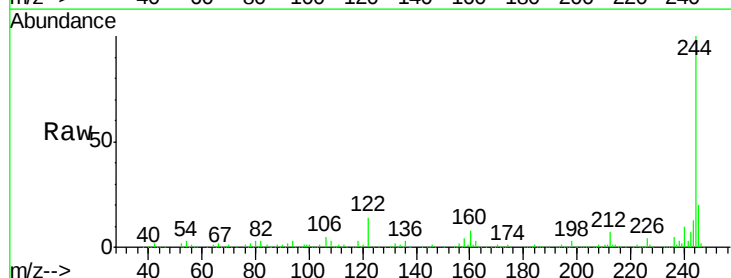
Tgt Ion:244 Resp: 753525

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

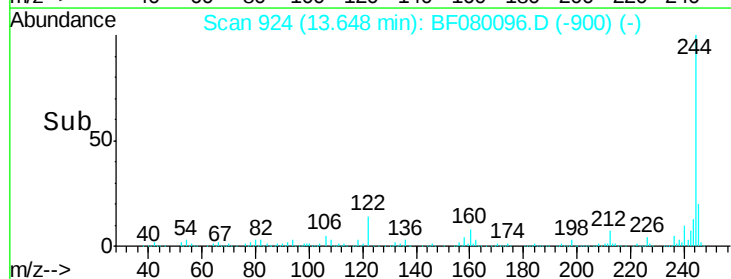
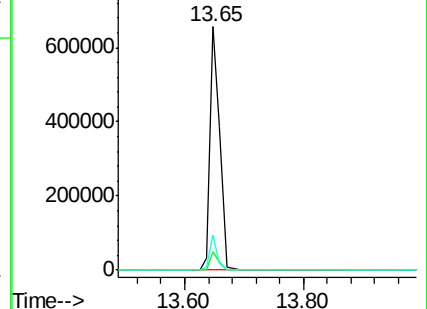
122 14.1 17.4 26.2#

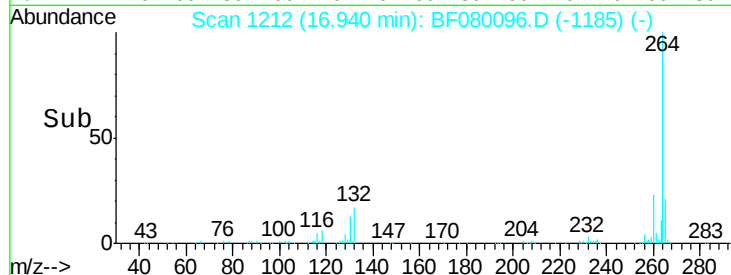
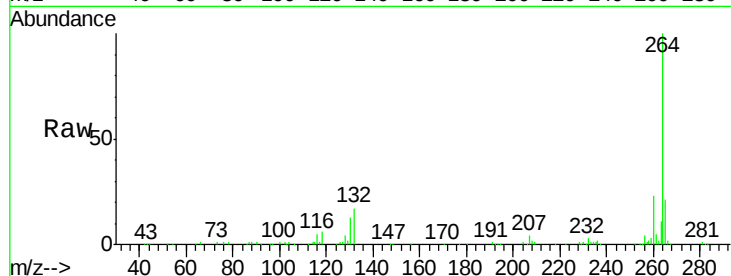
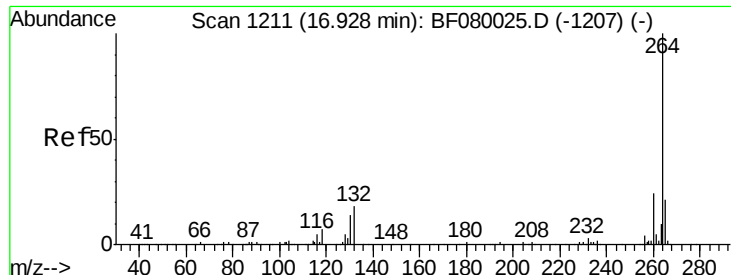


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.94 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF080096.D
Acq: 22 Jun 2015 16:10

Instrument :
BNA_F
ClientSampleId :
PB84131BL

Tgt Ion:	264	Resp:	215881
Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.3	17.2	25.8

